|   | Index of Claims |          |          |          |          |          |          |              |          |              |        |            |       | Application/Control No. |                 |                        |          |          |              |          |          |           |                   | Applicant(s)/Patent under Reexamination |            |                     |                        |              |                 |           |               |            |   |
|---|-----------------|----------|----------|----------|----------|----------|----------|--------------|----------|--------------|--------|------------|-------|-------------------------|-----------------|------------------------|----------|----------|--------------|----------|----------|-----------|-------------------|---|------------|---------------------|------------------------|--------------|-----------------|-----------|---------------|------------|---|
|   |                 |          |          |          |          |          |          |              |          |              |        |            |       |                         | 41              | 10/790 403             |          |          |              |          |          |           |                   |   |            |                     | LEONHARTSBERGER ET AL. |              |                 |           |               |            |   |
|   |                 |          |          |          |          |          |          |              |          |              |        |            |       |                         |                 | 10/789,493<br>Examiner |          |          |              |          |          |           |                   |   |            | <u>Un</u>           |                        | =RC          | SER ET AL.      |           |               |            |   |
|   |                 |          |          |          |          |          |          |              |          |              |        |            |       |                         |                 | Delia M. Ramirez       |          |          |              |          |          |           |                   |   | 1652       |                     |                        |              |                 |           |               |            |   |
|   |                 |          |          |          |          |          |          |              |          |              |        |            |       |                         | Jona W. Namiloz |                        |          |          |              |          |          |           |                   | 1032                                    |            |                     |                        |              |                 |           | ···           |            |   |
|   |                 |          | <b>√</b> | Rejected |          |          |          |              | _        | (Through r   |        |            |       | numeral)<br>elled       |                 |                        |          | N Non-El |              |          | Elect    | ed        |                   | A                                       | Appeal     |                     |                        |              |                 |           |               |            |   |
|   |                 |          | =,       | Allowed  |          |          |          |              | ÷        |              |        | Restricted |       |                         |                 |                        |          |          | ı            | In       | terl     | feren     | се                |   | 0          | C                   | Obje                   | ecte         | d               |           |               |            |   |
|   | Cla             | aim      | K        | Date     |          |          |          | -<br>        |          |              | — r    |            | Claim |                         |                 |                        |          |          | ate          |          |          |           |                   | Claim                                   | aim        | Γ                   | Date                   |              |                 |           |               | 1          |   |
|   |                 |          | -3       | TT       |          |          |          | T            |          | Ι            | П      | r          |       |                         |                 |                        |          | Ť        | Ť            | $\top$   | Т        |           |                   |   |            | Ш                   | Date                   |              |                 |           | T             | †          |   |
|   | Final           | Original | 8/31/06  |          |          |          |          |              |          |              |        |            | Final | Original                |                 |                        |          |          |              |          |          |           |                   | Final                                   | Original   |                     |                        |              |                 |           |               |            |   |
|   |                 | 1        | //       | H        | _        | H        | ┝        | <del> </del> | -        | <del> </del> | Н      | ŀ          |       | 51                      |                 |                        |          | +        | $\dashv$     | $\dashv$ | $\dashv$ | +         | ┥╽                |   | 101        | H                   | $\dashv$               | ╁╴           | $\vdash$        | $\dashv$  | +             | +          |   |
|   |                 | 2        | 1        |          |          |          |          |              |          |              |        |            |       | 52                      |                 |                        |          |          |              | 1        |          |           | ╛╽                |   | 102        |                     |                        |              |                 |           |               |            | · |
|   |                 | 3        | Н        |          |          | -        | _        |              | L        | _            | Н      | -          |       | 53<br>54                | Н               | $\dashv$               | _        | 4        | 4            | _        | -        | +         | -                 |   | 103<br>104 | $\sqcup$            | _                      | ┿            | $\vdash \vdash$ | -         | 4             | ╀          |   |
|   |                 | 5        | ╫        | -        |          |          |          |              |          | -            | Н      | ┢          |       | 55                      | Н               | $\dashv$               | -        | $\dashv$ | +            | +        | +        | +         | -                 |   | 105        | Н                   | +                      | ╁            | H               | -         | +             | +          |   |
|   |                 | 6        | ഥ        |          |          |          |          |              |          |              |        |            |       | 56                      |                 |                        |          |          |              | T        | 士        | 土         | <b>]</b>          |   | 106        |                     |                        |              |                 |           |               |            |   |
|   |                 | 7        | L        | _        |          | ļ        |          |              | L        | _            | Ц      | F          |       | 57                      |                 |                        | _        | 4        |              |          | _        | $\perp$   | 4                 |   | 107        |                     | $\perp$                | $\perp$      | Ш               | $\Box$    |               | lacksquare |   |
|   |                 | 8        | ⊬        |          | H        | -        | -        |              | ⊢        | ┝            | Н      | ┢          |       | 58<br>59                |                 |                        | $\dashv$ | $\dashv$ | $\dashv$     | $\dashv$ | +        | +         | -                 |   | 108<br>109 | $\vdash$            |                        | ╁            | $\vdash$        | $\dashv$  |               | +          | } |
|   |                 | 10       |          |          |          |          |          |              |          |              | H      | h          |       | 60                      |                 |                        | -        | 7        | 7            | 寸        | 十        | +         | ┦                 |   | 110        |                     | $\dashv$               | +            | $\vdash$        | $\dashv$  | 十             | +          |   |
|   |                 | 11       |          |          |          |          |          |              |          |              |        |            |       | 61                      |                 |                        | $\Box$   |          | $\Box$       | $\Box$   | $\Box$   | $\bot$    | <b>]</b>          |   | 111        |                     |                        | $oxed{\Box}$ |                 | $\Box$    | ightharpoonup |            |   |
|   |                 | 12<br>13 | -        | _        | _        |          |          | _            | -        | _            | Н      | -          |       | 62<br>63                | Н               | $\dashv$               | 4        | _        | +            | $\dashv$ | +        | +         | -                 |   | 112<br>113 | Н                   |                        | ┼-           | $\sqcup$        | -         | +             | +          |   |
|   |                 | 14       | $\vdash$ | $\vdash$ | -        |          | H        |              | ┝        | -            | Н      | $\vdash$   |       | 64                      |                 |                        | $\dashv$ | +        | $\dashv$     | $\dashv$ | +        | +         | $\dashv$ $\vdash$ |   | 114        |                     |                        | +            | ╁┤              | $\dashv$  | +             | ╁          |   |
|   |                 | 15       |          |          |          |          |          |              |          |              |        |            |       | 65                      |                 |                        |          |          |              |          | 土        | 土         | ∃ l               |   | 115        |                     |                        |              |                 |           |               |            |   |
|   |                 | 16       | 1        | L        | _        |          | _        |              |          |              | П      |            |       | 66                      |                 |                        |          | _        | 4            | 4        |          | 1         | ] [               |   | 116        | П                   | 1                      | $\perp$      |                 |           | 1             | $\perp$    |   |
|   | _               | 17<br>18 | 1        | <u> </u> | -        | H        | H        | H            | -        | ┝            | H      | -          |       | 67<br>68                |                 |                        | $\dashv$ | $\dashv$ | $\dashv$     | +        | 4        | +         | - 1               |   | 117<br>118 | Н                   |                        | -            | H               | $\dashv$  | +             | +-         | - |
|   |                 | 19       | ۲        | H        |          |          |          |              | $\vdash$ | $\vdash$     | Н      |            |       | 69                      | Н               |                        | -        | $\dashv$ | $\dashv$     | +        | +        | $\dagger$ | $\dashv \mid$     |   | 119        | $\vdash$            |                        | ╁            | H               | $\dashv$  | +             | +          |   |
|   |                 | 20       |          |          |          |          |          |              |          |              |        |            |       | 70                      |                 |                        |          |          |              |          |          |           | ]                 |   | 120        |                     | 工                      |              | П               |           |               |            |   |
|   |                 | 21<br>22 | $\vdash$ | _        | _        |          | L        | _            | -        | _            | Н      | F          |       | 71<br>72                |                 |                        | _        | _        | 4            | $\dashv$ | $\dashv$ | +         | 4                 |   | 121<br>122 | $\sqcup$            | _                      | $\vdash$     |                 | 4         | +             | ╀-         | - |
|   |                 | 23       | H        |          | $\vdash$ | -        |          | -            |          | H            | Н      | ┢          |       | 73                      |                 | $\dashv$               | $\dashv$ | $\dashv$ | +            | $\dashv$ | -        | +         | ┥╏                |   | 123        | Н                   |                        | +            | $\vdash$        | $\dashv$  | +             | ╁          | - |
|   |                 | 24       |          |          |          |          |          |              |          |              |        | Ė          |       | 74                      |                 |                        |          |          | I            |          |          | $\top$    | 1                 |   | 124        | П                   |                        |              |                 |           | _             | †-         | 1 |
|   |                 | 25       |          |          |          |          |          |              |          |              |        |            |       | 75                      |                 |                        |          | $\Box$   | $\Box$       |          | $\Box$   |           | <b>]</b> [        |   | 125        |                     |                        | ļ            | П               |           |               |            | ] |
|   |                 | 26<br>27 | Н        | _        |          |          | _        | H            | _        |              | Н      | -          |       | 76<br>77                |                 |                        |          | -        | $\dashv$     | $\dashv$ | $\dashv$ | +         | ┦╏                |   | 126<br>127 | $\vdash$            |                        | $\vdash$     | $\vdash$        | $\dashv$  | -             | ╀          |   |
|   |                 | 28       | Н        |          | -        |          | -        |              | -        | ┢            | Н      | ┢          |       | 78                      |                 | -                      | -        | +        | +            | $\dashv$ | +        | +         | ┨╏                |   | 128        | $\vdash$            | +                      | ┼─           | $\vdash$        | $\dashv$  |               | ╁╌         | - |
|   |                 | 29       |          |          |          |          |          |              |          |              |        |            |       | 79                      |                 |                        | ╛        |          |              |          |          | 士         | ╛╽                |   | 129        |                     |                        |              | 口               |           | 士             |            | ] |
|   |                 | 30       | <u> </u> |          | L        | Ц        |          | L            |          | $\vdash$     | Щ      | F          |       | 80                      |                 | $\Box$                 | $\Box$   | $\Box$   | $\bot$       | 4        | 4        | $\perp$   | <b>↓</b>          |   | 130        | П                   | $\perp$                | $\perp$      | $\Box$          | $\dashv$  | T             |            | 1 |
|   |                 | 31<br>32 | Н        |          |          | Н        | -        | -            |          | -            | Н      | -          |       | 81<br>82                | $\dashv$        | $\dashv$               | $\dashv$ | $\dashv$ | +            | $\dashv$ | -        | +         | -                 |   | 131<br>132 | ╌┼                  | +                      | ╁            | ╁╌┤             | -         | +             | ╁          |   |
|   |                 | 33       | Н        |          | <u> </u> | Н        | Н        |              | -        |              | Н      |            |       | 83                      |                 |                        | _        | $\dashv$ | $\dashv$     | $\dashv$ | $\top$   | $\top$    | → }               |   | 133        | Н                   | +                      | +-           |                 | 7         | +             | +-         | 1 |
|   |                 | 34       |          |          |          |          |          |              |          |              |        |            |       | 84                      |                 |                        |          |          |              |          |          |           | <b>]</b> [        |   | 134        |                     |                        |              |                 |           |               |            | ] |
|   |                 | 35       |          |          |          |          |          | _            | _        | L            | Н      | -          |       | 85                      | $\dashv$        | _                      | -        | _        | -            | 4        | -        | 4         | - 1               |   | 135        | $\sqcup$            | $\perp$                | 1            | Ш               | _         | _             | ╄-         |   |
|   |                 | 36<br>37 | Н        |          | _        |          |          | -            | -        | H            | Н      | -          |       | 86<br>87                | $\dashv$        |                        | $\dashv$ | $\dashv$ | $\dashv$     | $\dashv$ | +        | +         | ┥╏                |   | 136<br>137 | ┝                   | +                      | ╀┈           | $\vdash$        | -         | +             | ╂          | - |
| Ì |                 | 38       | П        | _        |          |          |          | _            |          |              | Н      | 1          |       | 88                      |                 | $\dashv$               | $\dashv$ | $\dashv$ | 十            | 寸        | 十        | +         | ┦ l               |   | 138        | Н                   | $\dashv$               | $\vdash$     | H               | $\exists$ |               | +          | 1 |
|   |                 | 39       |          |          |          |          |          |              |          |              |        |            |       | 89                      | $\Box$          |                        | $\Box$   |          | I            |          | $\perp$  | $\bot$    |                   |   | 139        |                     |                        |              |                 |           |               |            |   |
|   |                 | 40<br>41 | Н        | Н        |          | $\vdash$ | $\vdash$ | <u> </u>     |          | $\vdash$     | Н      | -          |       | 90                      | $\dashv$        | _                      | -        | $\dashv$ | +            | 4        | +        | +         | 4                 |   | 140        | $\vdash \vdash$     |                        |              | $\sqcup$        | $\dashv$  | - -           | $\perp$    |   |
|   |                 | 41       | H        | $\vdash$ | H        | Н        | Н        |              | $\vdash$ | $\vdash$     | Н      | +          |       | 91<br>92                | $\dashv$        | $\dashv$               | $\dashv$ | $\dashv$ | +            | $\dashv$ | +        | +         | -                 |   | 141<br>142 | $\vdash \vdash$     | +                      | +-           | ╁╌╂             | $\dashv$  | - -           | +          | 1 |
|   |                 | 43       |          |          |          | H        |          |              |          |              |        |            |       | 93                      |                 |                        |          |          | _            | _        | _        | +         | <u> </u>          |   | 143        |                     | $\perp$                | T            |                 |           | _             | T          | 1 |
| ļ |                 | 44       |          |          |          |          |          |              |          |              | $\Box$ |            |       | 94                      |                 |                        | $\Box$   | $\Box$   | ightharpoons | $\Box$   | $\perp$  | 1         | ] [               |   | 144        |                     |                        |              | П               | $\Box$    | 工             |            | ] |
| } |                 | 45<br>46 | $\vdash$ | Щ        | Н        | Н        | Н        | <u> </u>     | <u> </u> | $\vdash$     | Н      | -          |       | 95<br>96                | $\dashv$        |                        | $\dashv$ | -        | +            | +        | +        | +         | <b>-   </b>       |   | 145        | $\vdash \downarrow$ | -                      | 1            | igspace         | 4         | _ _           | 1          |   |
| ł |                 | 47       | Н        | Н        | Н        | Н        | Н        | Н            | ├─       | Н            | H      | -          |       | 97                      | $\dashv$        | -                      | +        | $\dashv$ | +            | +        | +        | +         | -  }              |   | 146<br>147 | $\vdash \vdash$     | $\dashv$               | +            | Н               | $\dashv$  | +             | +          | { |
|   |                 | 48       |          |          |          |          |          |              |          |              |        |            |       | 98                      |                 |                        | _        | _        | _            |          | 丁        | 士         | ן <u>ן</u>        |   | 148        | H                   | +                      |              | $\Box$          | $\dashv$  | +             | +          | 1 |
|   |                 | 49       |          |          | Д        | Ц        | П        | Щ            |          |              |        | F          |       | 99                      | $\Box$          | J                      | $\Box$   | $\Box$   | Ţ            | $\Box$   | 工        | Ţ         | <b>]</b> [        |   | 149        |                     |                        |              | П               | $\Box$    | $\perp$       |            | ] |
|   |                 | 50       | . 1      |          | 1        |          | . 1      |              | ıl       |              |        | - 1        |       | 100                     | - 1             | - 1                    | - 1      | - 1      | - 1          | - 1      | - 1      |           |                   | - 1                                     | 150        |                     | - 1                    | 1            | 1 1             | - 1       | - 1           | 1          | 1 |